



Docket No.034299-382

GP 2815

*[Signature]*

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANT: BERNARD ASPAR  
SERIAL NO.: 10/071,999  
FILING DATE: 02/06/2002  
TITLE: THIN LAYER STRUCTURE MADE UP OF CONDUCTIVE  
AND INSULATIVE ZONES  
EXAMINER: N. DREW RICHARDS  
ART UNIT: 2815

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**CERTIFICATE OF MAILING**

I hereby certify that this paper is being deposited with the United States Postal Service as First Class Mail in an envelope addressed to: Commissioner for Patents, P. O. Box 1450, Alexandria, VA 22313-1450, on the date printed below:

Date: 7-26-04

Name: *Diane Morse*  
Diane Morse

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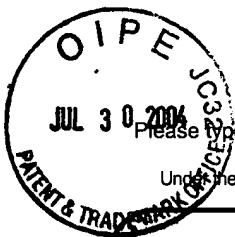
COMMISSIONER FOR PATENTS  
P. O. BOX 1450  
ALEXANDRIA, VA 22313-1450

**AMENDMENT AND RESPONSE TO OFFICE ACTION**

Dear Sir:

In response to the Office Action of February 24, 2004, please amend the above-identified application as follows:

**Amendment to the Claims** are reflected in the listing of claims which begins on page 2 of this paper.



Please type a plus sign (+) inside this box → ☐

PTO/SB/21 (08-00)

Approved for use through 10/31/2002. OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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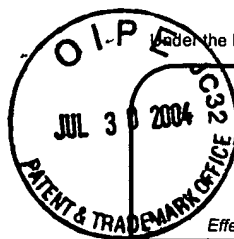
|  |                             |                               |               |
|--|-----------------------------|-------------------------------|---------------|
| <b>TRANSMITTAL FORM</b><br><i>(to be used for all correspondence after initial filing)</i> | <b>Application Number</b>   | 10/071,999                    |               |
|  | <b>Filing Date</b>          | 2/6/02                        |               |
|  | <b>First Named Inventor</b> | Bernard Aspar                 |               |
|  | <b>Group Art Unit</b>       | 2815                          |               |
|  | <b>Examiner Name</b>        | N. Drew Richards              |               |
| <b>Total Number of Pages in This Submission</b>  |                             | <b>Attorney Docket Number</b> | 034299-000382 |

| ENCLOSURES <i>(check all that apply)</i>                                      |  |   |
|---|--|---|
| <input checked="" type="checkbox"/> Fee Transmittal Form                      | <input type="checkbox"/> Assignment Papers<br><i>(for an Application)</i>                  | <input type="checkbox"/> After Allowance Communication to Group   |
| <input checked="" type="checkbox"/> Fee Attached                              | <input type="checkbox"/> Drawing(s)  | <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences                                 |
| <input checked="" type="checkbox"/> Amendment / Response                      | <input type="checkbox"/> Licensing-related Papers  | <input type="checkbox"/> Appeal Communication to Group<br><i>(Appeal Notice, Brief, Reply Brief)</i>                |
| <input type="checkbox"/> After Final  | <input type="checkbox"/> Petition  | <input type="checkbox"/> Proprietary Information  |
| <input type="checkbox"/> Affidavits/declaration(s)                            | <input type="checkbox"/> Petition to Convert to a Provisional Application                  | <input type="checkbox"/> Status Letter  |
| <input checked="" type="checkbox"/> Extension of Time Request                 | <input type="checkbox"/> Power of Attorney, Revocation<br>Change of Correspondence Address | <input checked="" type="checkbox"/> Other Enclosure(s)<br><i>(please identify below):</i><br><b>return postcard</b> |
| <input type="checkbox"/> Express Abandonment Request                          | <input type="checkbox"/> Terminal Disclaimer   |   |
| <input type="checkbox"/> Information Disclosure Statement                     | <input type="checkbox"/> Request for Refund  |   |
| <input type="checkbox"/> Certified Copy of Priority Document(s)               | <input type="checkbox"/> CD, Number of CD(s) _____   |   |
| <input type="checkbox"/> Response to Missing Parts/<br>Incomplete Application | <b>Remarks</b>   |   |
| <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53  |  |   |

| SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT |   |
|--|---|
| Firm or Individual name                    | Thierry K. Lo, Reg. No. 49,097 - Thelen Reid & Priest LLP |
| Signature                                  |   |
| Date                                       | 7/26/2004   |

| CERTIFICATE OF MAILING  |             |      |         |
|---|-------------|------|---------|
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| Typed or printed name   | Diane Morse |      |         |
| Signature   |             | Date | 7-26-04 |

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# FEE TRANSMITTAL for FY 2003

Effective 01/01/2003. Patent fees are subject to annual revision.

☐ Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$ ) 410

## Complete if Known

|                      |                  |
|----------------------|------------------|
| Application Number   | 10/071,999       |
| Filing Date          | 2/6/02           |
| First Named Inventor | Bernard Aspar    |
| Examiner Name        | N. Drew Richards |
| Group / Art Unit     | 2815             |
| Attorney Docket No.  | 034299-000382    |

## METHOD OF PAYMENT (check all that apply)

☐ Check ☐ Credit card ☐ Money Order ☐ Other ☐ None

☒ Deposit Account:

Deposit Account Number 50-1698

Deposit Account Name Thelen Reid & Priest LLP

The Commissioner is authorized to: (check all that apply)

☒ Charge fee(s) indicated below ☐ Credit any overpayments  
☒ Charge any additional fee(s) during the pendency of this application  
☐ Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.

## FEE CALCULATION

### 1. BASIC FILING FEE

| Large Entity |          | Small Entity |          | Fee Description        | Fee Paid |
|--------------|----------|--------------|----------|------------------------|----------|
| Fee Code     | Fee (\$) | Fee Code     | Fee (\$) |                        |          |
| 1001         | 750      | 2001         | 375      | Utility filing fee     |          |
| 1002         | 330      | 2002         | 165      | Design filing fee      |          |
| 1003         | 520      | 2003         | 260      | Plant filing fee       |          |
| 1004         | 750      | 2004         | 375      | Reissue filing fee     |          |
| 1005         | 160      | 2005         | 80       | Provisional filing fee |          |
| SUBTOTAL (1) |          |              |          |                        | (\$ ) 0  |

### 2. EXTRA CLAIM FEES

|                    |   |              |   |                |  |          |   |
|--------------------|---|--------------|---|----------------|--|----------|---|
| Total Claims       |   | Extra Claims |   | Fee from below |  | Fee Paid |   |
|                    | - | ** =         | 0 | X              |  | =        | 0 |
| Independent Claims |   | ** =         | 0 | X              |  | =        | 0 |
| Multiple Dependent |   |              |   | X              |  | =        | 0 |

| Large Entity |          | Small Entity |          | Fee Description  |
|--------------|----------|--------------|----------|--|
| Fee Code     | Fee (\$) | Fee Code     | Fee (\$) |  |
| 1202         | 18       | 2202         | 9        | Claims in excess of 20                                     |
| 1201         | 84       | 2201         | 42       | Independent claims in excess of 3                          |
| 1203         | 280      | 2203         | 140      | Multiple dependent claim, if not paid                      |
| 1204         | 84       | 2204         | 42       | ** Reissue independent claims over original patent         |
| 1205         | 18       | 2205         | 9        | ** Reissue claims in excess of 20 and over original patent |

SUBTOTAL (2) (\$ ) 0

\*\*or number previously paid, if greater; For Reissues, see above

## FEE CALCULATION (continued)

### 3. ADDITIONAL FEES

Large Entity Small Entity

| Fee Code | Fee (\$) | Fee Code | Fee (\$) | Fee Description  | Fee Paid |
|----------|----------|----------|----------|--|----------|
| 1051     | 130      | 2051     | 65       | Surcharge - late filing fee or oath  |          |
| 1052     | 50       | 2052     | 25       | Surcharge - late provisional filing fee or cover sheet.                    |          |
| 1053     | 130      | 1053     | 130      | Non-English specification  |          |
| 1812     | 2,520    | 1812     | 2,520    | For filing a request for reexamination                                     |          |
| 1804     | 920*     | 1804     | 920*     | Requesting publication of SIR prior to Examiner action                     |          |
| 1805     | 1,840*   | 1805     | 1,840*   | Requesting publication of SIR after Examiner action                        |          |
| 1251     | 110      | 2251     | 55       | Extension for reply within first month                                     |          |
| 1252     | 410      | 2252     | 205      | Extension for reply within second month                                    | 410      |
| 1253     | 930      | 2253     | 465      | Extension for reply within third month                                     |          |
| 1254     | 1,450    | 2254     | 725      | Extension for reply within fourth month                                    |          |
| 1255     | 1,970    | 2255     | 985      | Extension for reply within fifth month                                     |          |
| 1401     | 320      | 2401     | 160      | Notice of Appeal   |          |
| 1402     | 320      | 2402     | 160      | Filing a brief in support of an appeal                                     |          |
| 1403     | 280      | 2403     | 140      | Request for oral hearing   |          |
| 1451     | 1,510    | 1451     | 1,510    | Petition to institute a public use proceeding                              |          |
| 1452     | 110      | 2452     | 55       | Petition to revive - unavoidable   |          |
| 1453     | 1,300    | 2453     | 650      | Petition to revive - unintentional   |          |
| 1501     | 1,300    | 2501     | 650      | Utility issue fee (or reissue)   |          |
| 1502     | 470      | 2502     | 235      | Design issue fee   |          |
| 1503     | 630      | 2503     | 315      | Plant issue fee  |          |
| 1460     | 130      | 1460     | 130      | Petitions to the Commissioner  |          |
| 1807     | 50       | 1807     | 50       | Processing fee under 37 CFR 1.17 (q)                                       |          |
| 1806     | 180      | 1806     | 180      | Submission of Information Disclosure Stmt                                  |          |
| 8021     | 40       | 8021     | 40       | Recording each patent assignment per property (times number of properties) |          |
| 1809     | 750      | 2809     | 375      | Filing a submission after final rejection (37 CFR § 1.129(a))              |          |
| 1810     | 750      | 2810     | 375      | For each additional invention to be examined (37 CFR § 1.129(b))           |          |
| 1801     | 750      | 2801     | 375      | Request for Continued Examination (RCE)                                    |          |
| 1802     | 900      | 1802     | 900      | Request for expedited examination of a design application                  |          |

Other fee (specify) \_\_\_\_\_

\*Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$ ) 410

## SUBMITTED BY

Complete (if applicable)

|                   |               |                                  |        |           |              |
|-------------------|---------------|----------------------------------|--------|-----------|--------------|
| Name (Print/Type) | Thierry K. Lo | Registration No. Attorney/Agent) | 49,097 | Telephone | 408-292-5800 |
| Signature         |               |                                  |        | Date      | 7/26/2004    |

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This collection of information is required by 37 CFR 1.17 and 1.27. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, Washington, DC 20231.

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